

# ABSTRACT OF THE DISCLOSURE

A mobile communication system performs a hand-off control process based on channel station data. The mobile communication system is managed by mobile switching centers having base station controllers and base stations under their control. One of the mobile switching centers in a home system and a mobile switching center in another system are connected to each other by an inter-system channel. Each of the base station controllers in the home system has inter-system channel data indicative of whether a mobile switching center as a master station is connected to the mobile switching center in the other system by an inter-system channel or not. When a mobile station moves from the home system into the other system and hand-off to the other system is to be performed, the inter-system channel data possessed by a base station controller which is the master station of the mobile station is searched. If the mobile switching center as the master station has no inter-system channel, then an inter-mobile-switching-center hard hand-off control process is performed for hand-off to a base station under the control of a mobile switching center having an inter-system channel. If the mobile switching center as the master station has an inter-system channel, then an inter-system hard hand-off

control process is carried out via the inter-system  
channel.

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